

Notice of Allowability

Application No.

09/765,964

Applicant(s)

SALIM ET AL.

Examiner

Kenny Lin

Art Unit

2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/9/2007.
2. ☒ The allowed claim(s) is/are 2-28 now renumbered as 1-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date hereto.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
- ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
- ☐ Notice of Informal Patent Application
- ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
- ☒ Examiner's Amendment/Comment
- ☒ Examiner's Statement of Reasons for Allowance
- ☐ Other _____

DETAILED ACTION

1. Claims 1-28 are presented for examination.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mark Trenner, Reg. No. 43,961, on September 21, 2007.

3. The application has been amended as follows:

1. (canceled)

2. (currently amended) An active information model for an enterprise comprising:

at least one personal information portal wherein the personal information portal indicates an individual within the enterprise and comprises:

a storage mechanism configured to store a role and information including ~~information about the role and~~ a definition of the role of the individual specifying a collection of assignments, activities and services associated with the individual and wherein the role indicates first relationships of the individual with sources of the information and with at least one function that the individual performs within the enterprise; and

an active agent configured to retrieve the role from the storage mechanism, exchange the information with the storage mechanism and the sources of the information based on the role, and process the information based on the role to improve the active information model over time by:

~~being adaptable to emerging technologies by providing the individual~~
accessibilities to the sources of the information through one or more other active
agents; and
changing business needs by communicating events between application programs
and moving the information between the sources according to a workflow; and
incorporating knowledge of the role of the individual and the workflow within the
enterprise by providing the individual the information according to the
individual's preferences to reflect needs of the individual.

3. (original) The active information model of claim 2 wherein the role further comprises a plurality of categories of the sources of information wherein the categories define access to and treatment of the information.

4. (original) The active information model of claim 2 wherein the role indicates second relationships between elements in the information.

5. (currently amended) The active information model of claim 2 wherein the role comprises the workflow and the workflow ~~that~~ indicates movement of the information between the sources.

6. (original) The active information model of claim 5 wherein the workflow comprises a plurality of commands that move the information between the sources.

7. (original) The active information model of claim 5 wherein the workflow comprises a plurality of actions that modifies the information.

8. (original) The active information model of claim 2 wherein the active agent is configured to establish connections with the sources of the information based on the role.

9. (currently amended) The active information model of claim 2 wherein the active agent is configured to log the events that the active agent has performed in the storage mechanism.

10. (original) The active information model of claim 2 wherein the active agent comprises a provider interface configured to establish connections with the sources of the information based on the role.

11. (original) The active information model of claim 2 wherein the active agent comprises a consumer interface configured to establish connections with the sources of the information based on the role.

12. (original) The active information model of claim 2 wherein the active agent comprises an

executive interface configured to exchange and process the information based on the role.

13. (currently amended) A method of operating an active information model for an enterprise to improve a simple active information model over time to reflect needs of an individual by being adaptable to emerging technologies and changing business needs ~~and incorporating knowledge of the roles of individuals and workflow within an enterprise from the perspective of its users~~, wherein the active information model comprises at least one personal information portal that indicates an individual within the enterprise, the method comprising:

storing a role of the individual in a storage mechanism within the personal information portal specifying a collection of assignments, activities and services associated with the individual and wherein the role indicates first relationships of the individual with sources of information and functions that the individual performs within the enterprise;

in an active agent included within the personal information portal, retrieving the role of the individual from the storage mechanism;

in the active agent, exchanging the information with the storage mechanism and the sources of the information based on the role; and

in the active agent, processing the information based on the role by:

providing the individual accessibilities to the sources of the information through one or more other active agents;

communicating events between application programs and moving the information between the sources according to a workflow; and

incorporating knowledge of the role of the individual and the workflow within the enterprise by providing the individual the information according to the individual's preferences.

14. (original) The method of claim 13 wherein the role further comprises a plurality of categories of the sources of information wherein the categories define access to and treatment of the information.

15. (original) The method of claim 13 wherein the role indicates second relationships between elements in the information.

16. (currently amended) The method of claim 13 wherein the role comprises the workflow that and the workflow indicates movement of the information between the sources.

17. (original) The method of claim 16 wherein the workflow comprises a plurality of commands that move the information between the sources.

18. (original) The method of claim 16 wherein the workflow comprises a plurality of actions that modifies the information.

19. (original) The method of claim 13 further comprising:
in the active agent, establishing connections with the sources of the information based on the

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role.

20. (currently amended) The method of claim 13 further comprising:

in the active agent, logging the events that the active agent has performed in the storage mechanism.

21. (currently amended) A software product stored in at least one computer readable medium for operating an active information model for an enterprise, wherein the active information model improves over time by being adaptable to emerging technologies and changing business needs ~~and incorporating knowledge of roles of individuals and workflow within an enterprise to reflect needs of the enterprise~~, allowing at all times for different parts of the enterprise to be at different levels of operational and technological maturity or obsolescence, wherein the active information model comprises at least one personal information portal that indicates an individual within the enterprise and comprises a storage mechanism and an active agent, the software product comprising:

active agent software operational when executed by a processor to direct the processor to retrieve at least one of the roles of the individuals from ~~[[the]]~~ a storage mechanism, exchange information with the storage mechanism and sources of the information based on the role, and process the information based on the role to improve the active information model over time by:

providing the individual accessibilities to the sources of the information through
one or more other active agents;

communicating events between application programs and moving the information

between the sources according to a workflow; and

incorporating knowledge of the role of the individual and the workflow within the enterprise by providing the individual the information according to the individual's preferences;

wherein the role specifies a collection of assignments, activities and services associated with the individual and indicates first relationships of the individual with the sources of the information and functions that the individual performs within the enterprise; ~~and a software storage medium operational to store the active agent software.~~

22. (original) The software product of claim 21 wherein the role further comprises a plurality of categories of the sources of information wherein the categories define access to and treatment of the information.

23. (original) The software product of claim 21 wherein the role indicates second relationships between elements in the information.

24. (currently amended) The software product of claim 21 wherein the role comprises the workflow ~~that~~ and the workflow indicates movement of the information between the sources.

25. (original) The software product of claim 24 wherein the workflow comprises a plurality of commands that move the information between the sources.

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26. (original) The software product of claim 24 wherein the workflow comprises a plurality of actions that modifies the information.

27. (original) The software product of claim 21 wherein the active agent software is operational when executed by the processor to establish connections with the sources of the information based on the role.

28. (currently amended) The active information model of claim 21 wherein the active agent software is operational when executed by the processor to log the events that the active agent has performed in the storage mechanism.

Allowable Subject Matter

4. Claims 2-28 are allowed.

5. The following is an examiner's statement of reasons for allowance: None of the prior arts of the record individually or in combination explicitly teaches or fairly suggests each and every claimed limitation of the current invention, especially the limitation of an active information model which comprises an active agent for retrieving role and exchanging information with a storage mechanism based on the role and improving active information model over time by providing individual accessibilities to the sources of the information through other active agents, communicating events between application programs and moving information between the sources according to a workflow defined in the role and incorporate knowledge of the role by

providing the individual the information according to the individual's preference. The prior art of record, Kaplan and Baker, individually or in combination, fail to teach an active information model that process information based on the role and improve over time by: providing the individual accessibilities to the sources of the information through one or more other active agents; communicating events between application programs and moving the information between the sources according to a workflow; and incorporating knowledge of the role of the individual and the workflow within the enterprise by providing the individual the information according to the individual's preferences to reflect needs of the individual.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Drawings

6. The drawings are objected to because some figures contain characters with elements printed in dark color that are not clear for viewing (for example: the characters in the cube of figure 28 cannot be read). See especially figures 11, 15-23, 25-26, 28 and 31-32. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from

the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenny Lin whose telephone number is (571) 272-3968. The examiner can normally be reached on 8 AM to 5 PM Tue.-Fri. and every other Monday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on (571) 272-3913. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ksl
September 24, 2007

